

Abstract

The invention relates to a method for forming coatings on an inorganic or organic substrate and to substrates coated in accordance with the method. In the method:

a) a low-temperature plasma, a corona discharge, high-energy radiation and/or a flame treatment is caused to act on the inorganic or organic substrate,

b) 1.) at least one activatable initiator or 2.) at least one activatable initiator and at least one ethylenically unsaturated compound is/are applied in the form of a melt, solution, suspension or emulsion to the inorganic or organic substrate, there being incorporated in the activatable initiator and/or the ethylenically unsaturated compound at least one group that interacts with a subsequently applied coating or reacts with groups contained therein, with the effect of promoting adhesion, and

c) the coated substrate is heated and/or is irradiated with electromagnetic waves and an adhesion promoter layer is formed,

d) the substrate so pretreated is provided with the further coating which contains reactive groups that react with those of the adhesion promoter layer and/or interact with the adhesion promoter layer.